

552,954
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/093424 A1

(51) International Patent Classification⁷: **H04M 11/00**

(21) International Application Number:
PCT/US2004/009284

(22) International Filing Date: 14 April 2004 (14.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/462,661 14 April 2003 (14.04.2003) US
60/472,681 22 May 2003 (22.05.2003) US

(71) Applicants and

(72) Inventors: **DAVIDSON, Gary** [US/US]; 1632 Mai Avenue, DeSoto, TX 75115 (US). **FORD, Gary** [US/US]; 304 Quail Crest Drive, Colleyville, TX 76034 (US).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **PREPAID WIRELESS SYSTEM AND METHOD**

(57) Abstract: A system and method for providing prepaid wireless services. One embodiment includes a mobile unit configured to maintain an amount of time units for which the mobile unit is authorized to utilize wireless services. The amount of time units is preferably prepaid for by the customer. The mobile unit prevents utilization of wireless services upon the expiration of the amount of prepaid time units. Furthermore, it is preferred that a prepaid application server receive notification from the wireless service provider of the use of time units by the mobile unit. In this manner, the prepaid application server may monitor the availability of time units and prevent fraudulent use when the amount of prepaid time units expire.

WO 2004/093424 A1